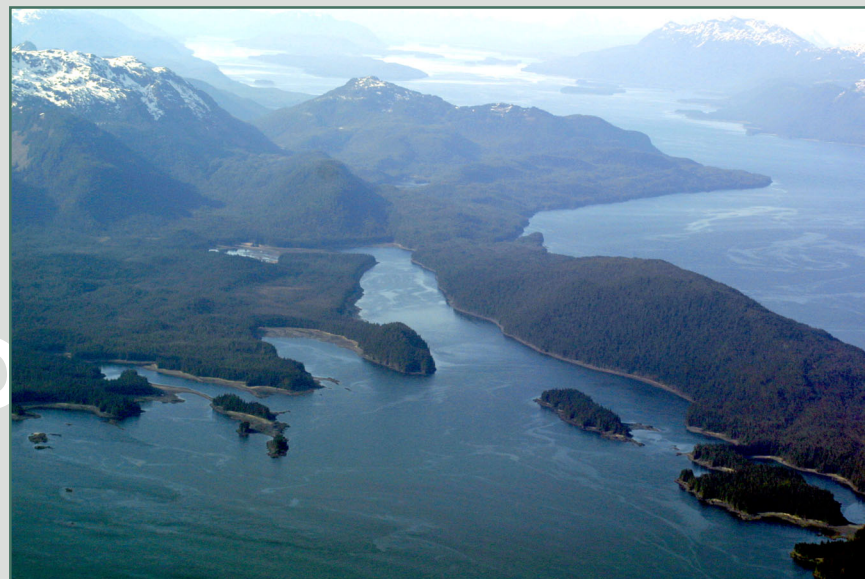


Map & Photo Legend



SE04-03-03 Gambier Bay viewed towards the north.

	Free-oil Containment and Recovery, Shallow Water
	Exclusion Booming
	Protected-water Boom
	Tidal-seal Boom
	Public Use Cabin
	Bear in Area, Guards Needed

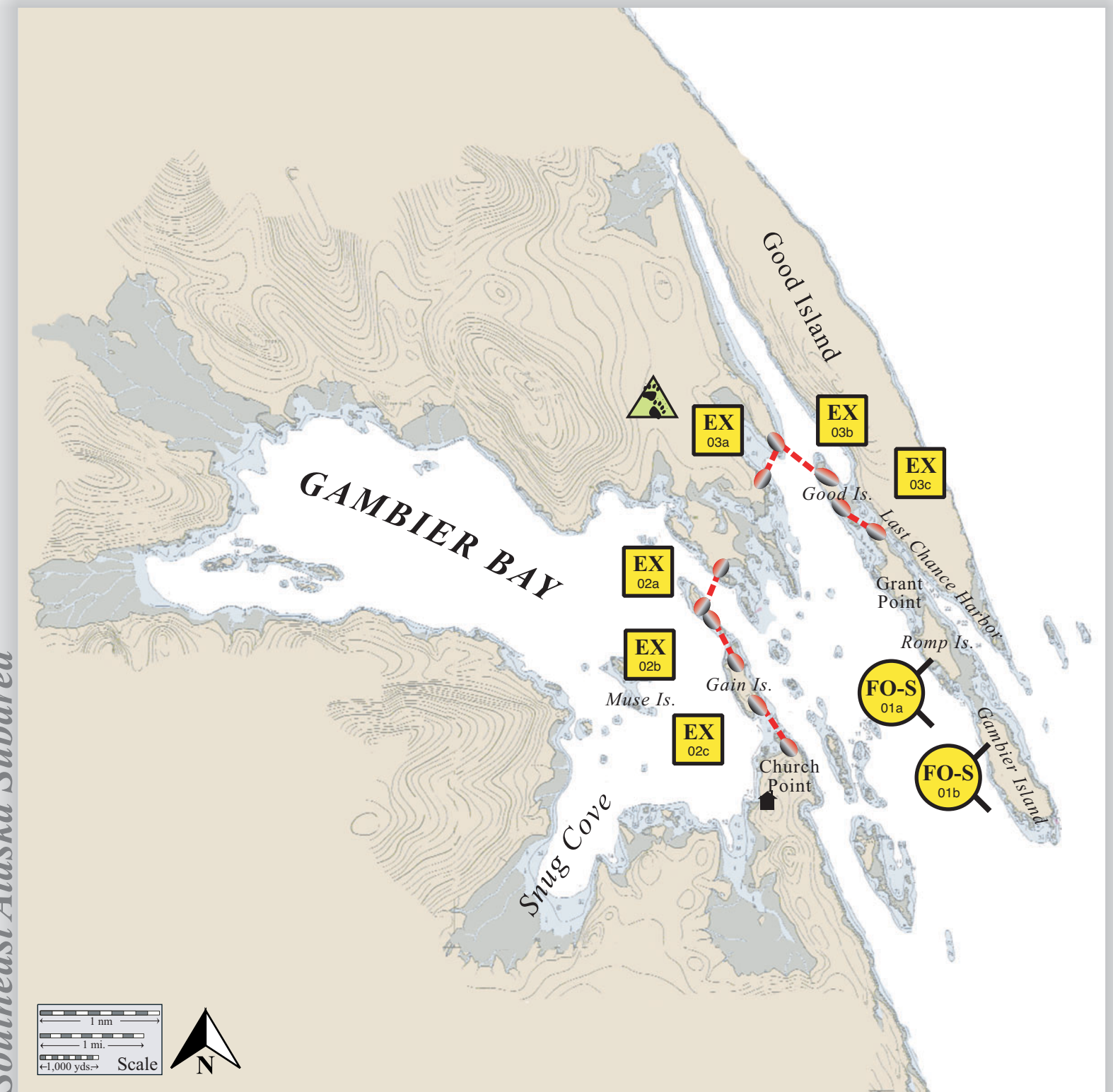


SE04-03-02 Gambier Bay viewed towards the north.

Geographic Response Strategies for Southeast Alaska Subarea

Gambier Bay, SE04-03

Center of map at 57° 27.7' N Lat., 133° 58.8' W Lon.



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE04-03-01	Gambier Bay – NW Arm Nearshore waters in the general area of: <div><div>a. Lat. 57° 27.2 N Lon. 133° 53.4 W</div><div>b. Lat.57° 26.6 N Lon. 133°51.9 W</div></div>	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of outer Gambier Bay.	Deploy nearshore free-oil recovery strike teams upwind and up-current of Gambier Bay. Use aerial surveillance to locate incoming slicks.	Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel platform	Via marine waters	Marine mammals-harbor seals Fish-intertidal salmon/trout spawning (coho, pink, chum, steelhead, Dolly Varden, cutthroat), 11 salmon streams Birds-waterfowl concentrations (winter >8000), shorebird and seabird concentrations Habitat-sheltered tidal flat, marsh Human use-high recreational use Terrestrial mammals-bears	Shallow and rocky waters. Vessel masters should have local knowledge. Bears in area.
SE04-03-02	Gambier Bay, Gain Island, Church Pt. near Aid “2” <div><div>a. Lat. 57° 28.1 N Lon. 133° 55.8 W</div><div>b. Lat. 57° 27.7 N Lon. 133° 55.7 W</div><div>c. Lat. 57° 26.9 N Lon. 133° 54.9 W</div></div>	Exclusion Exclude oil from Gambier Bay.	Use class 2 and class 3/4 vessels with deck space to transport equipment. Place 5800 ft. of protected-water boom, in three arrays, with tidal-seal on each end between mainland and islands and between islands, to prevent oil from entering Gambier Bay. <u>Boom Arrays</u> <div><div>a. 1800 ft.</div><div>b. 1800 ft.</div><div>c. 2200 ft.</div></div>	Deployment Equipment 5800 ft. protected-water boom 58 ea. anchor systems (~40 lbs.) 6 ea. 50 ft. tidal-seal 12 ea. anchor stakes Vessels 2 ea. class 2 2 ea. class 3/4 2 ea. class 6 Personnel / Shift 18 ea. vessel crew Tending Vessels 2 ea. class 3/4 2 ea. class 6 Personnel / shift 5 ea. vessel crew	Vessel platform	Via marine waters	Same as SE04-03-01	USFS Public use cabin. FOSC Historic Properties Specialist should MONITOR on-site operations. See Figure G-3-8 for equipment locations. Bears in area. Tested: not yet
SE04-03-03	Entrance to North Arm and cove <div><div>a. Lat. 57° 29.2 N Lon. 133° 55.0 W</div><div>b. Lat. 57° 29.3 N Lon. 133° 54.4 W</div><div>c. Lat. 57° 28.7 N Lon. 133° 53.5 W</div></div>	Exclusion Exclude oil from cove and north arm of Gambier Bay.	Place 5200 ft. of protected-water boom, in two arrays, with tidal-seal on each end, from each end of Good Island to the mainland to prevent oil from entering North arm of Gambier Bay and one array, with tidal-seal on each end, across mouth of small cove. <u>Boom Arrays</u> <div><div>a. 1600 ft.</div><div>b. 2400 ft.</div><div>c. 1200 ft.</div></div>	Deployment Equipment 5200 ft. protected-water boom 52 ea. anchor systems (~40 lbs.) 6 ea. 50 ft. tidal-seal 12 ea. anchor stakes Vessels, Personnel, Tending Same as SE04-03-02	Vessel platform	Via marine waters	Same as SE04-03-01	Tested: not yet